

What is Claimed is:

1. A tissue engineering scaffold comprising collagen or a collagen-like peptide incorporated within or between polymeric fibers.
- 5        2. The tissue engineering scaffold of claim 1 wherein the collagen is collagen II.
3. The tissue engineering scaffold of claim 1 wherein the collagen-like peptide comprises amino acids 703 to 936 of collagen II.
- 10       4. The tissue engineering scaffold of claim claim 1 wherein the collagen-like peptide is SEQ ID NO:1.
5. A method for producing a tissue engineering scaffold which promotes attachment, growth and spreading of cells comprising:
- 15       (a) mixing collagen or a collagen-like peptide with a polymer in solution;
- (b) electrospinning collagen or collagen-like peptide containing polymeric fibers from the solution; and
- (c) forming a tissue engineering scaffold from the
- 20 polymeric fibers.
6. The method of claim 5 wherein the collagen is collagen II.
7. The method of claim 5 wherein the collagen-like peptide comprises amino acids 703 to 936 of collagen II.
- 25       8. The method of claim 5 wherein the collagen-like peptide is SEQ ID NO:1.

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